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PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE PART B IN PENNSYLVANIA

Pennsylvania Blue Shield

PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE PART B IN PENNSYLVANIA

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I. INTRODUCTION

This report presents data on average annual physician revenues from Blue Shield and Medicare Part B in Pennsylvania for the period 1973 through 1978. These physician revenue data were captured and developed as part of the data base for a larger Pennsylvania Blue Shield (PBS) study of physician pricing behavior and other related issues in the Pennsylvania physicians' services market. Source data were extracted at the individual physician level from history files of Blue Shield and Medicare Part B claims paid by Pennsylvania Blue Shield.

Physician revenue data for all six years are presented separately for Blue Shield and Medicare as sources of revenue, and for Blue Shield and Medicare in aggregate. The data are presented as average revenues per individual physician, by various kinds of cohort breakdowns. Subsequent sections of this report describe and define the specific breakdowns and discuss pertinent aspects of the data base and physician sampling procedures. Findings are organized and presented in detail in several tables at the back of the report, preceded by a summary review of some trends and relationships that may be observed from the tables.

II. DATA BASE AND PHYSICIAN SAMPLING

History files of claims paid are created as a by-product of claims processing and payment operations for both Medicare Part B and regular Blue Shield business at Pennsylvania Blue Shield. Each record in these files represents a specific unit transaction between doctor and patient. Data items captured and retained to describe each unit transaction in claims history include the identity of the doctor, the patient, the exact service performed, the date the service was performed, amount billed, amount allowed for payment, and date of payment, among others. For research purposes in this study series, PBS Research has created data files in which these basic claims transaction data are supplemented by a number of associated data items to characterize individual physicians, their practices, and practice locales. The core data base for the project contains approximately 150 data items for each of nearly 10,000 individual physicians, compiled for cross-sectional studies in a 1975 time frame. A related longitudinal data base also was developed for a subset of approximately 8,000 of these same doctors, with a substantially smaller number of data items, but temporally extended to span a six year period from 1973 through 1978. The physician revenue data for this report are taken from the 1973-1978 longitudinal data base.

Physician revenues reported here encompass only those from Blue Shield and Medicare Part B. From the data sources used for these studies there is no way of knowing what revenues or income a physician may have received from other sources. For many physicians the figures reported here would underestimate total practice revenue from all sources, and one

would have to be extremely cautious in using these data as proxies for physicians' incomes or gross practice revenues.

It also should be noted that the figures given here as "revenues" from Blue Shield are, more precisely, Blue Shield "payments." It is not really known how much a physician may be collecting from Blue Shield patients above and beyond the amounts allowed and paid by Blue Shield. Because Blue Shield in Pennsylvania has very few patient cost-sharing features, and because a very significant proportion of payments are made to Blue Shield participating physicians under circumstances that require the physician to take the Blue Shield payment as payment in full, it generally may be assumed that actual Blue Shield payments provide a reasonably close approximation of total revenues from services insured by Blue Shield. It also must be remembered, however, that Blue Shield coverage generally does not include physician office visits, so that this component will be missing from the physician revenue data.

For Medicare Part B, the reported "revenues" are in fact "allowed charges." Amounts actually paid by Pennsylvania Blue Shield, as the Medicare carrier for Pennsylvania, are the legally mandated 80 percent of allowed charges, less applicable deductible amounts. In defining the physician's revenues from Medicare Part B as 100 percent of the allowed charges, it is assumed that the physician collects the patient cost-sharing portions of the allowed charges for Medicare services. (This is not much of an issue for revenues from Blue Shield services, since Blue Shield allowed charges and Blue Shield payments are approximately equal.) Again, it also is not known how much (if anything) physicians may be collecting directly from Medicare patients above and beyond the allowable

amounts (applicable, in particular, for services on which assignment is not taken).

The revenue data were determined from a sample of Pennsylvania physicians selected according to criteria and procedures described below. First, 44 topic procedures were selected as the focus of the 1975 cross-sectional studies in this series. An individual physician was represented in the data base for a given specific procedure if he had reported claims for at least ten services of the procedure during the year (1975). The longitudinal data base then was developed from this nucleus by: (a) designating a subset of 23 of the original 44 topic procedures to serve as topic procedures for longitudinal analyses; and (b) selecting, from the approximately 10,000 physicians represented in the cross-sectional data base, those who had continuous claims experience throughout the six year period, 1973-1978, in one or more of the 23 procedures. Blue Shield and Medicare revenue data for each selected physician were determined from the physician's overall Blue Shield or Medicare claims experience for each year -- i.e., it should be noted this was not limited only to revenues associated with the selected topic procedures. In addition, for purposes of developing the average physician revenue data presented in this report, the effective sample was limited to those for which there were no missing data in any of the breakdown variables. This latter requirement had the effect of assuring that all breakdowns were based upon exactly the same sample of physicians.

The resulting sample for determining these average revenue data contained a total of 7,292 individual physicians. Of these, 5,011 (69 percent) are represented for Blue Shield activity; 6,839 (94 percent) are

represented for Medicare Part B activity; and 5,558 (63 percent) are represented for both Medicare and Blue Shield. By broad generic specialty categories, 37.3 percent are in general or family practice; 27.3 percent in medical specialties; 32.3 percent in surgical specialties; and 3.1 percent in other specialties. Fifty-seven (57) percent are board certified; 8.5 percent are foreign medical graduates (FMGs); and 88.4 percent are participating with Blue Shield. By general geographic distribution, 57 percent have their primary practice locations in major metropolitan areas; 28 percent in lesser metropolitan areas; and 15 percent in rural areas. These stratification proportions are roughly representative of the stratifications for all Pennsylvania physicians on record with Pennsylvania Blue Shield.

III. DATA BREAKDOWNS

To exhibit general overall distributions of Blue Shield, Medicare, and aggregate (Blue Shield plus Medicare) revenues among Pennsylvania physicians, the first three tables (in the table section) give simple decile breakdowns of revenue data for the two programs separately, then in aggregate. These tables show decile cut-points and mean physician revenue within each decile, for each year, for each program and in aggregate. In these tables, Blue Shield revenue deciles are defined only with respect to physicians who have Blue Shield claims experience. It may be recalled that approximately 31 percent of the physicians in the sample had no Blue Shield claims experience (i.e., Medicare only), and these are not reflected in the Blue Shield decile breakdown. Similarly, the Medicare breakdown into revenue deciles reflects only those physicians who have Medicare claims experience (i.e., excludes those with only Blue Shield experience). The aggregate breakdown reflects all 7,292 physicians in the merged Medicare and Blue Shield experience sample.

Mean annual revenues are given for each of the six years for each of 32 selected specific specialties. These are self-designated specialties, as filed with Pennsylvania Blue Shield by the physicians themselves. Specialties represented in the physician sample by very small numbers of physicians (fewer than 10) are not listed. Most specialties are represented by substantially more than this arbitrary minimum number of physicians. The revenue data also are broken down by specialties sorted into four broad specialty groups: (1) general practice, including family practice; (2) medical specialties; (3) surgical specialties; and (4)

other specialties including psychiatrists, anesthesiologists, radiologists, and pathologists, among others.

Other breakdowns include mean annual revenues by physician's age (in deciles), source of medical education (FMG or graduate of U.S. medical school), board certification status, Blue Shield participation status, and frequency of Medicare assignment acceptance. Frequency of Medicare assignment is treated in terms of three broad categories of assignment behavior; seldom assigns (less than 15 percent of claimed line items), sometimes assigns (on between 15 and 85 percent of line items), and usually assigns (more than 85 percent of line items). Since FMG and board certification status may be specialty-related, revenues also are broken down by these two classification variables controlling for specialty.

Physician revenues are broken down by four broad categories reflecting the number of physician associates with whom a physician practices. If two or more physicians practice together as a single business entity, they may establish an "assignment account" with Pennsylvania Blue Shield. Blue Shield or Medicare checks for allowed payments then are written to the assignment account instead of to individual member physicians. In-house cross-reference files at PBS were checked to determine the number of other physicians with whom each physician in the sample has business association in his practice. Although there is no record at PBS to indicate directly whether a physician's practice mode is solo, partnership, or group, it is assumed that business association through an assignment account implies clinical association. The categories defined for the breakdowns here are: (1) no associates; (2) one to three associates; (3) four to fourteen

associates; and (4) fifteen or more associates. These are taken as rough definitional proxies for: (1) solo; (2) small group or partnership; (3) medium sized group; and (4) large group.

Geographically, physician revenues are broken down by metropolitan area, by broad type of metropolitan classification, by county, and by groups of counties classified according to physician density.

The metropolitan area breakdown is by accepted single or multiple county areas used to define Standard Metropolitan Statistical Areas (SMSAs) associated with the following places: Wilkes-Barre, Scranton, Altoona, Erie, Johnstown, Reading, Harrisburg, York, Lancaster, Allentown-Bethlehem-Easton complex, Pittsburgh, and Philadelphia. It may be noted that Wilkes-Barre and Scranton are separated here, although they usually are treated as a single SMSA. For multiple county SMSAs having some out-of-state components, such as greater Philadelphia, only the Pennsylvania portion of the SMSA is considered. All counties not associated with an SMSA are grouped together and classed as "rural."

In the broad metropolitan classification, revenue data are broken down by metropolitan areas grouped into three classes: (1) major metropolitan, consisting of the Philadelphia and Pittsburgh SMSAs; (2) lesser metropolitan, consisting of all remaining SMSAs; and (3) rural, again consisting of all counties not associated with any of the SMSAs identified here.

The breakdown by physician density recognizes three classifications of counties by density of direct patient care physicians: (1) low physician population, consisting of counties with fewer than 111 direct patient care (DPC) physicians per 100,000 population; (2) average

physician population, consisting of counties with between 111 and 174 DPC physicians per 100,000; and (3) high physician population, counties with more than 174 DPC physicians per 100,000. These cut points define groups with approximately equal numbers of counties.

The breakdown by individual Pennsylvania counties is included for the usefulness it may have for others wishing to use this revenue data with other data defined at the county level in Pennsylvania.

A List of Tables, identifying all breakdowns, is on page 14.

IV. SUMMARY HIGHLIGHTS

The following are highlights of observations that can be made by simple visual inspection of the table data.

(1) General. Tables 1 through 3 show a surprisingly large number of physicians with relatively little revenue from Blue Shield and/or Medicare. On the other hand, there are a small number of physicians with very high revenues.

(2) Specialty. Looking at aggregate physician revenues by specialty group, it can be seen that surgical specialists have the highest revenue levels; and, as might be expected, general practice physicians have the lowest. This simply reflects the tendency of Blue Shield to cover surgery relatively thoroughly, and to cover office visits very little or not at all. In the mid-range, medical specialists and "other" specialists are generally quite close to one another. Other specialists had slightly higher revenues than medical specialists for the first three years of the six year period, but this crossed over in 1976, and medical specialists had the higher revenues for the last three years listed. A look at the program level data confirms that the dominance of the surgical specialties in revenues comes from the Blue Shield component. In Medicare, medical specialists have the highest revenue levels. This reflects the fact that the Medicare patient population requires and receives more treatment that is essentially medical in nature, and that there are proportionately lower rates of surgical interventions with the elderly.

(3) Board Certification. Board certified physicians on the whole realized approximately twice as much total revenue from Blue Shield and

Medicare compared to physicians without such credentials. However, the relative proportion of the difference favoring board certified physicians diminished slightly during the six year period.

(4) Foreign Medical Graduates (FMGs). FMGs received an average 36 percent more revenues from Blue Shield and Medicare, compared to physicians educated at U.S. medical schools. The margin favoring FMGs progressed steadily and monotonically from 16 percent in 1973 to 51 percent in 1978. This marked tendency of FMGs to derive substantially higher revenue levels from Blue Shield and Medicare than are realized by their U.S. educated colleagues may be to some extent a reflection of the fact that FMGs tend to be specialists. Foreign educated physicians are disproportionately underrepresented in general and family practice. Table 9 shows, however, that FMGs still have higher revenue levels, even when controlling for specialty (although the margin of difference is not as great when the comparison is made within specialties).

(5) Blue Shield Participation. Physicians not participating with Blue Shield average approximately one-third more revenue from Blue Shield and Medicare, compared to participating physicians.

(6) Medicare Assignment. Physicians who consistently take assignment on Medicare tend on the average to have much higher revenue levels. On average, the "usually assigning" doctor has revenues 216 percent greater than the average "seldom assigning" doctor. This margin of difference is very consistent on an annual basis throughout the six year period.

(7) Number of Physician Associates. There is a slightly higher revenue level for physicians who practice with a small number of associates (1-3 associates). In general, however, there is very little

difference in revenues between different cohorts of physicians defined on the basis of number of physician associates.

(8) Physician's Age. The general tendency is for physicians' revenues from Blue Shield and Medicare to diminish with increasing age. On the other hand, the relationship is not strictly monotonic, and the highest revenues are not realized by the youngest decile. For most years in this six year period, physician revenues peak in the 39-42 age group.

(9) Metropolitan Classification of Practice Location. As might be expected, the general tendency is for the highest revenue levels to be realized by physicians practicing in major metropolitan areas, with the lowest revenues going to rural physicians. Physicians in lesser metro areas are in the middle, tending to have revenue levels closer to those of major metro doctors than to those of rural doctors. The gaps, however, are becoming more narrow. In 1973, major metro physicians had aggregate Blue Shield and Medicare revenues that were 31 percent higher than those of rural physicians, and 14 percent higher than those of physicians in lesser metro areas. By 1978, these margins were down to 16 percent and three percent, respectively.

(10) Physician Density. The relationship of physician revenues to density of direct patient care physicians in the practice location has an inverted U shape. Revenues are highest for physicians practicing in counties with average physician density, dropping off for both high-density and low-density areas.

REVENUE DATA TABLES

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TABLE 1. DECILE DISTRIBUTION OF PENNSYLVANIA PHYSICIANS BY ANNUAL REVENUES (PAYMENTS) FROM BLUE SHIELD, 1973-1978

DECILE	Decile Cut Points (and Decile Means), by Year					
	1973	1974	1975	1976	1977	1978
	$375,199	$460,499	$345,699	$457,399	$540,299	$683,999
10	(73,326)	(85,697)	(95,283)	(100,415)	(99,640)	(107,257)
	47,699	55,399	59,099	64,799	67,199	68,099
9	(38,781)	(44,489)	(48,350)	(53,762)	(52,840)	(54,772)
	30,999	35,799	38,399	41,999	42,199	42,799
8	(25,543)	(29,286)	(31,756)	(34,466)	(34,670)	(33,526)
	20,999	24,399	26,399	28,099	27,899	27,199
7	(17,292)	(19,803)	(21,774)	(22,921)	(22,636)	(22,367)
	14,299	16,299	17,899	18,899	18,899	18,099
6	(11,960)	(14,112)	(14,870)	(15,871)	(15,583)	(14,609)
	10,099	11,399	12,199	13,199	12,899	12,299
5	(8,535)	(9,433)	(10,183)	(10,860)	(10,688)	(9,925)
	7,199	7,799	8,499	8,899	8,799	7,999
4	(5,838)	(6,988)	(6,985)	(7,214)	(7,167)	(6,457)
	4,799	5,399	5,699	5,899	5,799	5,099
3	(3,848)	(4,308)	(4,864)	(4,750)	(4,404)	(3,898)
	3,099	3,499	3,699	3,699	3,499	2,899
2	(2,294)	(2,552)	(2,754)	(2,705)	(2,481)	(1,847)
	1,599	1,799	1,899	1,899	1,599	1,099
1	(798)	(932)	(1,051)	(911)	(695)	(418)

TABLE 2. DECILE DISTRIBUTION OF PENNSYLVANIA PHYSICIANS BY ANNUAL REVENUES (ALLOWED CHARGES) FROM MEDICARE PART B, 1973-1978

DECILE	Decile Cut Points (and Decile Means), by Year					
	1973	1974	1975	1976	1977	1978
	$337,699	$406,799	$345,399	$354,399	$387,999	$461,599
10	(52,726)	(60,904)	(69,618)	(78,415)	(84,711)	(97,371)
	34,199	40,199	44,199	49,799	53,799	60,599
9	(28,048)	(33,036)	(36,289)	(37,432)	(43,696)	(49,630)
	23,099	27,299	29,899	34,099	36,599	40,499
8	(19,850)	(22,968)	(26,229)	(28,944)	(31,159)	(34,293)
	16,999	19,999	22,299	25,199	26,599	29,300
7	(14,646)	(17,318)	(19,345)	(21,552)	(22,561)	(24,853)
	12,699	14,899	16,699	18,399	19,299	20,999
6	(11,575)	(13,318)	(14,358)	(15,849)	(16,090)	(18,076)
	9,399	10,999	12,399	13,699	13,999	15,399
5	(8,010)	(9,408)	(10,119)	(11,424)	(11,782)	(12,412)
	6,799	7,999	8,899	9,699	9,799	10,499
4	(5,418)	(6,707)	(6,950)	(8,864)	(8,379)	(8,515)
	4,699	5,599	5,999	6,599	6,599	6,699
3	(3,902)	(4,482)	(4,791)	(5,305)	(5,525)	(5,085)
	2,899	3,599	3,799	4,099	3,699	3,599
2	(1,996)	(2,524)	(2,869)	(2,878)	(2,581)	(2,329)
	1,399	1,699	1,799	1,799	1,599	1,299
1	(645)	(841)	(932)	(877)	(719)	(517)

TABLE 3. DECILE DISTRIBUTION OF PENNSYLVANIA PHYSICIANS BY AGGREGATE ANNUAL REVENUES FROM BLUE SHIELD AND MEDICARE PART B, 1973-1978

DECILE	Decile Cut Points (and Decile Means), by Year					
	1973	1974	1975	1976	1977	1978
	$581,499	$675,599	$587,899	$719,600	$902,099	$1,135,999
10	(101,856)	(121,961)	(130,800)	(138,206)	(151,775)	(161,544)
	65,699	76,199	83,499	93,699	99,699	104,899
9	(53,114)	(57,232)	(67,662)	(76,924)	(82,689)	(85,250)
	43,099	50,099	55,699	61,499	64,499	68,699
8	(36,551)	(42,517)	(47,419)	(51,310)	(53,345)	(56,945)
	30,899	35,999	39,099	42,799	44,999	46,999
7	(26,195)	(30,227)	(33,150)	(34,559)	(37,239)	(39,245)
	22,199	25,599	28,099	30,799	31,199	32,699
6	(18,905)	(21,806)	(24,306)	(25,620)	(26,407)	(27,419)
	16,099	18,299	20,199	21,599	22,200	22,699
5	(13,599)	(15,312)	(16,952)	(17,935)	(18,388)	(18,954)
	10,999	12,699	14,099	14,899	14,999	15,299
4	(9,035)	(10,426)	(11,402)	(12,162)	(12,458)	(11,920)
	7,399	8,399	9,099	9,699	9,399	9,099
3	(5,741)	(6,674)	(7,186)	(7,653)	(7,141)	(6,690)
	4,299	5,099	5,399	5,599	5,099	4,599
2	(3,062)	(3,642)	(3,817)	(3,854)	(3,369)	(2,815)
	1,999	2,299	2,399	2,299	1,999	1,499
1	(933)	(1,172)	(1,179)	(1,045)	(816)	(604)

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
General Surgery						
Blue Shield	$34,776	$39,666	$42,151	$44,768	$44,734	$44,809
Medicare	17,221	20,980	23,590	26,268	27,811	31,050
Aggregate	44,820	52,425	56,973	61,692	63,168	66,385
Neurological Surgery						
Blue Shield	$48,008	$52,578	$57,273	$60,630	$62,288	$52,145
Medicare	15,023	17,286	20,500	21,243	22,457	25,411
Aggregate	54,921	60,930	67,934	71,487	74,034	68,168
Orthopedic Surgery						
Blue Shield	$45,021	$52,605	$55,929	$59,269	$59,361	$57,016
Medicare	21,656	27,240	30,444	33,813	34,222	37,385
Aggregate	59,248	71,148	77,113	83,254	83,737	84,904
Plastic Surgery						
Blue Shield	$46,380	$41,780	$47,400	$48,200	$38,200	$36,580
Medicare	10,552	11,248	12,174	13,509	13,904	15,391
Aggregate	20,635	20,330	22,478	23,987	22,209	23,343
Thoracic Surgery						
Blue Shield	$62,879	$73,798	$86,202	$91,785	$87,771	$95,465
Medicare	46,117	61,906	68,275	76,904	87,400	91,240
Aggregate	10,464	13,028	14,830	16,194	16,816	17,924

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Gynecology						
Blue Shield	$28,627	$29,855	$30,450	$32,250	$30,373	$30,245
Medicare	5,236	6,404	7,052	8,224	8,628	7,700
Aggregate	27,168	29,175	30,221	32,682	31,568	30,639
Obstetrics- Gynecology						
Blue Shield	$38,756	$46,032	$50,550	$54,455	$56,139	$57,170
Medicare	3,107	3,669	3,968	4,391	4,670	5,222
Aggregate	34,381	40,821	44,784	48,328	49,927	51,181
Ophthalmology						
Blue Shield	$16,190	$17,279	$18,277	$18,850	$20,737	$21,158
Medicare	22,002	25,673	28,106	31,249	34,873	38,366
Aggregate	26,878	30,876	33,610	36,926	41,118	44,737
Otolaryngorhinology						
Blue Shield	$32,258	$35,935	$39,905	$43,996	$45,550	$50,644
Medicare	7,689	9,488	11,311	12,785	13,389	15,605
Aggregate	28,682	32,858	37,250	41,376	42,988	48,502
Ophthal-Otolaryngo						
Blue Shield	$ 8,713	$11,825	$14,850	$14,525	$12,925	$12,531
Medicare	5,774	6,957	7,405	9,264	8,488	9,740
Aggregate	8,039	10,046	11,307	11,046	11,849	12,973

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Proctology						
Blue Shield	$32,238	$35,885	$38,315	$39,808	$40,218	$38,715
Medicare	12,058	14,744	16,520	18,922	19,862	20,916
Aggregate	37,848	43,452	47,172	50,768	52,036	51,888
Urology						
Blue Shield	$35,699	$39,434	$41,752	$41,806	$42,041	$38,552
Medicare	32,774	35,739	37,995	41,829	43,716	46,739
Aggregate	55,987	61,388	65,149	68,958	70,971	71,627
Internal Medicine						
Blue Shield	$11,727	$13,011	$14,373	$15,663	$15,650	$15,331
Medicare	20,690	24,120	27,063	30,827	33,462	36,504
Aggregate	30,111	34,555	38,584	43,362	45,947	48,678
Cardiovascular Disease						
Blue Shield	$20,451	$23,021	$25,756	$28,921	$29,715	$27,928
Medicare	26,551	30,792	34,396	39,210	43,444	48,182
Aggregate	42,867	49,128	54,912	62,227	66,986	70,058
Gastroenterology						
Blue Shield	$20,047	$24,768	$28,136	$29,664	$28,366	$30,153
Medicare	25,741	31,517	33,563	36,604	37,404	39,683
Aggregate	40,916	50,281	54,996	59,137	58,825	62,458

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Pediatrics						
Blue Shield	$ 6,687	$ 7,582	$ 8,639	$10,289	$10,777	$11,292
Medicare	4,169	4,645	5,679	6,752	7,148	7,572
Aggregate	6,808	7,709	8,833	10,519	11,028	11,566
Neurology						
Blue Shield	$13,067	$16,274	$17,247	$17,179	$16,626	$16,028
Medicare	12,120	17,339	20,154	22,176	23,889	26,691
Aggregate	23,817	31,860	35,504	37,421	38,591	40,787
Psychiatry-Neurology						
Blue Shield	$ 5,105	$ 5,032	$ 7,147	$ 7,889	$ 7,332	$ 7,316
Medicare	6,338	7,802	8,548	10,594	10,660	11,634
Aggregate	8,278	9,714	11,264	13,592	13,446	14,414
Anesthesiology						
Blue Shield	$ 7,909	$ 8,190	$ 6,773	$ 8,627	$11,191	$ 9,282
Medicare	7,278	10,489	8,311	10,650	10,800	11,650
Aggregate	12,111	15,494	12,450	15,922	17,639	17,322
Dermatology						
Blue Shield	$13,442	$15,891	$18,556	$20,653	$22,547	$22,367
Medicare	8,699	10,497	12,310	14,548	15,750	18,961
Aggregate	13,115	15,716	18,404	21,324	23,149	26,276

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Roentgenology-Radiology						
Blue Shield	$42,691	$48,902	$50,266	$49,213	$46,023	$42,492
Medicare	16,298	19,034	21,344	21,714	24,219	24,152
Aggregate	49,553	57,067	60,141	59,562	58,961	55,931
General Practice						
Blue Shield	$ 6,101	$ 6,424	$ 6,568	$ 7,209	$ 7,589	$ 7,666
Medicare	9,206	10,285	11,042	12,304	13,145	14,395
Aggregate	12,514	13,764	14,598	16,205	17,251	18,536
Family Practice						
Blue Shield	$ 7,667	$ 8,163	$ 8,973	$ 9,987	$10,334	$10,442
Medicare	10,817	12,215	13,627	15,477	16,626	19,033
Aggregate	16,187	17,927	19,904	22,462	23,848	26,316
Pathology						
Blue Shield	$11,355	$16,791	$20,964	$28,318	$26,945	$25,236
Medicare	3,214	4,457	4,821	4,100	3,800	3,707
Aggregate	9,439	13,728	16,561	20,494	19,422	18,306
Physical Med-Rehab						
Blue Shield	$ 7,500	$ 8,850	$11,220	$14,450	$14,385	$18,105
Medicare	10,279	13,921	14,469	16,331	19,062	21,783
Aggregate	15,452	20,024	22,207	26,297	28,983	34,269

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Allergy						
Blue Shield	$ 4,635	$ 5,010	$ 5,930	$ 6,825	$ 8,940	$11,310
Medicare	4,563	5,531	6,214	6,529	6,729	7,576
Aggregate	6,140	7,213	8,217	8,858	9,849	11,558
Endocrinology						
Blue Shield	$ 8,641	$10,200	$12,559	$14,541	$13,166	$15,483
Medicare	12,096	13,679	17,450	20,754	22,339	27,136
Aggregate	19,010	21,897	27,510	32,348	32,494	38,994
Hematology						
Blue Shield	$11,787	$15,474	$18,366	$19,518	$22,303	$21,521
Medicare	15,026	21,640	26,429	31,626	35,443	37,549
Aggregate	24,345	33,635	40,573	46,215	52,200	53,300
Medical Oncology						
Blue Shield	$16,107	$19,814	$22,207	$25,564	$24,079	$27,129
Medicare	27,693	31,747	41,680	52,247	53,160	62,727
Aggregate	42,727	50,240	62,407	76,107	75,633	88,047
Nephrology						
Blue Shield	$10,559	$14,644	$16,830	$15,707	$15,626	$15,022
Medicare	9,150	19,415	37,496	50,700	61,362	74,569
Aggregate	17,433	30,007	47,643	58,077	67,243	78,147

TABLE 4. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY OF PRACTICE (CONTINUED)

	Mean Revenue by Year					
Specialty	1973	1974	1975	1976	1977	1978
Pulmonary Disease						
Blue Shield	$10,585	$11,709	$13,888	$15,421	$15,674	$15,906
Medicare	14,718	21,326	22,221	27,267	29,021	33,331
Aggregate	22,236	29,281	31,876	37,802	39,636	43,826
Rheumatology						
Blue Shield	$ 9,771	$ 9,971	$10,432	$10,100	$ 9,919	$ 9,358
Medicare	18,961	23,082	24,321	27,218	29,067	29,812
Aggregate	26,531	30,594	32,171	34,609	36,191	36,397

TABLE 5. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY SPECIALTY GROUP

Specialty Group	Mean Revenue by Year					
	1973	1974	1975	1976	1977	1978
General Practice						
Blue Shield	$ 6,587	$ 6,963	$ 7,314	$ 8,071	$ 8,440	$ 8,527
Medicare	9,621	10,782	11,708	13,122	14,042	15,590
Aggregate	13,462	14,838	15,967	17,820	18,953	20,543
Medical Specialties						
Blue Shield	$12,027	$13,720	$15,365	$16,852	$17,027	$16,837
Medicare	18,761	22,333	25,353	29,086	31,621	34,849
Aggregate	26,009	30,482	34,435	38,882	41,232	43,893
Surgical Specialties						
Blue Shield	$36,318	$41,688	$45,056	$47,859	$48,351	$48,386
Medicare	16,835	20,142	22,321	24,839	26,456	29,063
Aggregate	41,132	47,976	52,366	56,676	58,528	60,983
Other Specialties						
Blue Shield	$28,445	$32,714	$34,308	$34,882	$32,948	$31,099
Medicare	11,286	13,763	14,910	16,027	17,558	18,242
Aggregate	29,606	34,756	36,879	38,279	38,338	37,692

TABLE 6. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY BOARD CERTIFICATION STATUS

	Mean Revenue by Year					
Board Status	1973	1974	1975	1976	1977	1978
Not Board Certified						
Blue Shield	$11,158	$12,917	$13,880	$15,265	$15,779	$15,867
Medicare	11,460	13,327	14,631	16,662	17,965	19,843
Aggregate	18,170	21,093	22,967	25,810	27,397	29,271
Board Certified						
Blue Shield	$27,222	$30,671	$33,387	$35,350	$35,365	$35,104
Medicare	18,357	21,759	24,425	27,226	29,180	32,054
Aggregate	37,089	42,756	47,206	51,207	52,976	55,360

TABLE 7. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY UNITED STATES VS. FOREIGN MEDICAL GRADUATES

	Mean Revenue by Year					
Medical Education	1973	1974	1975	1976	1977	1978
U.S. Schools						
Blue Shield	$18,617	$21,003	$22,554	$23,993	$24,172	$23,872
Medicare	14,233	16,547	18,278	20,507	21,954	24,105
Aggregate	25,981	29,773	32,451	35,525	37,011	38,837
FMG's						
Blue Shield	$20,290	$24,388	$28,330	$31,916	$33,051	$34,928
Medicare	15,198	19,860	23,305	27,028	30,038	33,922
Aggregate	30,100	37,579	43,860	50,092	53,676	58,639

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
General Surgery						
Not Board Certified						
Blue Shield	$26,390	$30,449	$32,612	$34,629	$35,345	$35,314
Medicare	13,010	15,329	17,289	19,466	20,455	22,838
Aggregate	33,350	38,791	42,399	46,105	47,632	49,940
Board Certified						
Blue Shield	$39,970	$45,374	$48,058	$51,047	$50,549	$50,689
Medicare	19,984	24,688	27,725	30,731	32,638	36,439
Aggregate	52,297	61,313	66,472	71,852	73,296	77,105
Neurological Surgery						
Not Board Certified						
Blue Shield	$41,130	$49,570	$48,690	$51,250	$53,000	$46,580
Medicare	15,633	19,156	20,322	24,489	26,800	30,711
Aggregate	55,200	66,810	66,980	73,290	77,120	74,220
Board Certified						
Blue Shield	$50,300	$53,580	$60,133	$63,757	$65,383	$54,000
Medicare	14,866	16,806	20,546	20,409	21,340	24,049
Aggregate	54,846	59,341	68,192	71,000	73,200	66,532

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Orthopedic Surgery						
Not Board Certified						
Blue Shield	$32,716	$44,835	$44,777	$53,423	$51,551	$49,914
Medicare	15,287	21,935	24,331	30,017	31,415	33,546
Aggregate	42,340	59,010	61,358	74,194	74,044	74,821
Board Certified						
Blue Shield	$48,670	$54,910	$59,237	$61,002	$61,677	$59,123
Medicare	23,604	28,863	32,314	34,974	35,081	38,559
Aggregate	64,360	74,817	81,876	85,993	86,667	87,953
Obstetrics-Gynecology						
Not Board Certified						
Blue Shield	$27,893	$37,684	$43,546	$49,951	$53,231	$56,769
Medicare	3,159	3,750	3,905	4,018	4,520	4,986
Aggregate	24,532	32,803	37,626	42,857	45,827	48,982
Board Certified						
Blue Shield	$42,200	$48,679	$52,771	$55,883	$57,062	$57,297
Medicare	3,092	3,646	3,986	4,498	4,713	5,289
Aggregate	37,627	43,464	47,142	50,130	51,277	51,906

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Ophthalmology						
Not Board Certified						
Blue Shield	$ 9,522	$12,526	$13,687	$15,061	$18,504	$20,452
Medicare	15,228	19,593	21,666	24,731	29,041	33,890
Aggregate	17,717	22,867	25,243	28,667	33,877	39,235
Board Certified						
Blue Shield	$18,037	$18,596	$19,549	$19,900	$21,355	$21,353
Medicare	24,260	27,700	30,252	33,422	36,817	39,858
Aggregate	29,931	33,546	36,398	39,678	43,531	46,571
Otolaryngorhinology						
Not Board Certified						
Blue Shield	$23,855	$25,955	$29,450	$32,891	$34,227	$36,295
Medicare	5,000	6,631	7,611	9,125	9,600	11,756
Aggregate	19,049	21,884	24,916	28,435	29,692	33,019
Board Certified						
Blue Shield	$34,312	$38,374	$42,461	$46,710	$48,318	$54,151
Medicare	8,422	10,267	12,320	13,783	14,422	16,655
Aggregate	31,342	35,888	40,655	44,949	46,659	52,777

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Proctology						
Not Board Certified						
Blue Shield	$28,724	$30,395	$31,838	$32,738	$32,043	$30,224
Medicare	10,197	12,041	13,762	15,924	15,269	17,041
Aggregate	30,997	34,052	36,817	39,631	38,472	38,928
Board Certified						
Blue Shield	$36,121	$41,953	$45,474	$47,621	$49,253	$48,100
Medicare	14,629	18,476	20,329	23,062	26,205	26,267
Aggregate	47,310	56,433	61,471	66,148	70,767	69,786
Urology						
Not Board Certified						
Blue Shield	$24,517	$30,533	$34,874	$36,340	$39,417	$37,207
Medicare	25,787	30,398	35,340	40,183	44,462	48,671
Aggregate	44,728	54,021	62,309	68,223	74,858	77,238
Board Certified						
Blue Shield	$41,358	$43,939	$45,233	$44,571	$43,369	$39,233
Medicare	35,505	37,827	39,032	42,473	43,425	45,984
Aggregate	60,407	64,281	66,264	69,247	69,445	69,424

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Internal Medicine						
Not Board Certified						
Blue Shield	$ 9,639	$10,729	$11,642	$12,964	$13,155	$13,205
Medicare	18,764	21,817	23,972	27,836	30,141	32,705
Aggregate	26,338	30,231	33,097	37,976	40,399	42,959
Board Certified						
Blue Shield	$14,689	$16,249	$18,250	$19,495	$19,192	$18,347
Medicare	23,491	27,470	31,557	35,176	38,292	42,029
Aggregate	35,630	40,881	46,611	51,241	54,064	57,044
Cardiovascular Disease						
Not Board Certified						
Blue Shield	14,835	16,416	17,125	19,018	20,796	20,857
Medicare	19,374	22,507	24,865	28,206	30,913	34,961
Aggregate	32,238	36,724	39,669	44,636	48,878	52,907
Board Certified						
Blue Shield	$23,203	$26,258	$29,986	$33,773	$34,086	$31,392
Medicare	29,864	34,615	38,795	44,289	49,227	54,284
Aggregate	47,659	54,720	61,784	70,157	75,149	77,790

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Gastroenterology						
Not Board Certified						
Blue Shield	$16,729	$22,406	$25,118	$25,312	$26,812	$31,241
Medicare	22,172	28,700	32,467	36,150	39,800	46,978
Aggregate	35,974	47,237	53,232	56,895	61,695	72,458
Board Certified						
Blue Shield	$21,927	$26,107	$29,847	$32,130	$29,247	$29,537
Medicare	27,525	32,925	34,111	36,831	36,206	36,036
Aggregate	43,387	51,803	55,879	60,258	57,389	57,458
Pediatrics						
Not Board Certified						
Blue Shield	$ 5,434	$ 6,206	$ 6,692	$ 7,984	$ 8,786	$ 9,324
Medicare	3,442	4,047	4,689	5,789	5,932	6,632
Aggregate	5,588	6,413	7,000	8,403	9,131	9,779
Board Certified						
Blue Shield	$ 7,209	$ 8,154	$ 9,449	$11,248	$11,606	$12,111
Medicare	5,550	5,780	7,560	8,580	9,460	9,360
Aggregate	7,383	8,319	9,696	11,514	11,921	12,407

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Neurology						
Not Board Certified						
Blue Shield	$11,924	$16,505	$18,452	$18,562	$17,424	$16,395
Medicare	10,709	16,550	20,618	23,659	24,995	28,064
Aggregate	22,091	32,305	38,232	41,377	41,627	43,714
Board Certified						
Blue Shield	$14,159	$16,055	$16,095	$15,859	$15,864	$16,395
Medicare	13,413	18,063	19,729	20,817	22,875	25,433
Aggregate	25,336	31,468	33,104	33,940	35,920	38,212
Psychiatry-Neurology						
Not Board Certified						
Blue Shield	$ 1,917	$ 2,433	$ 4,300	$ 6,300	$ 4,483	$ 5,183
Medicare	5,655	7,682	7,682	10,486	9,555	10,924
Aggregate	6,177	8,345	8,855	12,205	10,777	12,336
Board Certified						
Blue Shield	$ 6,577	$ 6,231	$ 8,462	$ 8,623	$ 8,646	$ 8,300
Medicare	6,875	7,896	9,229	10,679	11,529	12,193
Aggregate	9,929	10,789	13,157	14,682	15,543	16,046

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Dermatology						
Not Board Certified						
Blue Shield	$13,391	$15,055	$16,891	$17,682	$21,945	$21,336
Medicare	5,886	7,259	8,170	9,945	10,734	13,532
Aggregate	9,234	11,023	12,393	14,366	16,220	18,866
Board Certified						
Blue Shield	$13,459	$16,162	$19,094	$21,615	$22,741	$22,700
Medicare	10,073	12,080	14,333	16,798	18,202	21,616
Aggregate	14,991	17,986	21,310	24,689	26,499	29,859
Roentgenology-Radiology						
Not Board Certified						
Blue Shield	$22,939	$33,235	$33,596	$35,326	$33,109	$30,865
Medicare	17,264	21,623	23,736	23,000	26,386	27,305
Aggregate	34,900	47,696	49,804	50,712	51,615	50,408
Board Certified						
Blue Shield	$49,372	$54,201	$55,904	$53,910	$50,391	$46,425
Medicare	15,985	18,197	20,571	21,299	23,518	23,132
Aggregate	54,199	60,038	63,418	62,368	61,290	57,682

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
General Practice						
Not Board Certified						
Blue Shield	$ 5,998	$ 6,346	$ 6,492	$ 7,110	$ 7,428	$ 7,508
Medicare	9,032	10,101	10,863	12,102	12,943	14,127
Aggregate	12,226	13,477	14,315	15,881	16,891	18,112
Board Certified						
Blue Shield	$ 7,583	$ 7,547	$ 7,661	$ 8,643	$ 9,904	$ 9,929
Medicare	12,711	13,983	14,655	16,376	17,201	19,786
Aggregate	18,266	19,498	20,248	22,688	24,450	27,027
Family Practice						
Not Board Certified						
Blue Shield	$ 7,610	$ 8,170	$ 8,764	$ 9,872	$10,205	$10,288
Medicare	10,545	11,874	13,171	14,913	15,909	18,294
Aggregate	15,376	17,056	18,727	21,171	22,373	24,793
Board Certified						
Blue Shield	$ 7,767	$ 8,153	$ 9,336	$10,187	$10,558	$10,709
Medicare	11,442	12,998	14,673	16,774	18,273	20,733
Aggregate	18,056	19,936	22,619	25,440	27,250	29,829

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Allergy						
Not Board Certified						
Blue Shield	$ 1,740	$ 1,550	$ 1,940	$ 3,150	$ 4,020	$ 5,350
Medicare	4,266	5,074	5,740	6,077	6,206	6,966
Aggregate	4,763	5,517	6,294	6,977	7,354	8,494
Board Certified						
Blue Shield	$ 7,530	$ 8,470	$ 9,920	$10,500	$13,860	$17,270
Medicare	5,213	6,531	7,250	7,519	7,875	8,913
Aggregate	8,817	10,511	11,956	12,517	14,700	17,517
Endocrinology						
Not Board Certified						
Blue Shield	$ 5,718	$ 5,600	$ 5,955	$ 8,091	$ 8,155	$10,455
Medicare	9,433	10,817	12,583	16,317	19,492	23,975
Aggregate	14,747	15,950	18,042	23,733	26,967	33,558
Board Certified						
Blue Shield	$10,428	$13,011	$16,594	$18,483	$16,228	$18,556
Medicare	14,094	15,825	21,100	24,081	24,475	29,506
Aggregate	21,747	25,653	33,489	37,789	35,984	42,426

TABLE 8. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY PHYSICIAN SPECIALTY AND BOARD CERTIFICATION STATUS (CONTINUED)

	Mean Revenue by Year					
Specialty/Board Status	1973	1974	1975	1976	1977	1978
Hematology						
Not Board Certified						
Blue Shield	$13,033	$20,289	$22,178	$23,633	$24,600	$17,633
Medicare	10,167	17,000	20,667	26,456	34,311	32,200
Aggregate	23,200	37,289	42,844	50,089	58,911	49,833
Board Certified						
Blue Shield	$11,400	$13,979	$17,183	$18,241	$21,590	$22,728
Medicare	16,708	23,246	28,423	33,415	35,835	39,400
Aggregate	24,677	32,574	39,913	45,090	50,252	54,306
Pulmonary Disease						
Not Board Certified						
Blue Shield	$ 9,855	$10,309	$ 9,955	$10,482	$13,391	$12,364
Medicare	12,843	19,421	17,236	21,721	22,850	27,207
Aggregate	20,586	27,521	25,057	29,957	33,371	36,921
Board Certified						
Blue Shield	$10,935	$12,378	$15,770	$17,783	$16,765	$17,600
Medicare	15,768	22,392	25,012	30,372	32,476	36,760
Aggregate	23,061	30,161	35,286	41,725	42,768	47,279

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
General Surgery						
U.S. Schools						
Blue Shield	$35,611	$40,248	$41,968	$44,063	$43,896	$43,404
Medicare	17,578	21,173	23,740	26,284	27,691	30,611
Aggregate	45,220	52,387	56,252	60,391	61,638	64,110
FMG						
Blue Shield	$29,663	$36,098	$43,273	$49,086	$49,868	$53,413
Medicare	14,463	19,491	22,437	26,144	28,734	34,435
Aggregate	41,852	52,710	62,313	71,337	74,517	83,255
Orthopedic Surgery						
U.S. Schools						
Blue Shield	$45,305	$53,346	$56,511	$59,087	$59,415	$56,722
Medicare	21,409	27,226	30,121	33,292	33,730	36,526
Aggregate	59,138	71,630	77,147	82,444	83,151	83,663
FMG						
Blue Shield	$42,983	$47,291	$51,757	$60,570	$58,974	$59,126
Medicare	23,441	27,341	32,774	37,570	37,774	43,593
Aggregate	60,056	67,626	76,863	89,167	88,011	93,959

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION (CONTINUED)

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
Thoracic Surgery						
U.S. Schools						
Blue Shield	$ 62,014	$ 78,006	$ 90,314	$ 97,971	$ 91,023	$102,177
Medicare	45,994	60,257	66,243	76,620	84,889	89,800
Aggregate	102,170	130,789	148,095	165,154	166,403	181,600
FMG						
Blue Shield	$ 65,208	$ 62,469	$ 75,131	$ 75,131	$ 79,015	$ 77,392
Medicare	46,446	66,346	73,746	77,669	94,162	95,115
Aggregate	111,654	128,815	148,877	152,800	173,177	172,508
Obstetrics-Gynecology						
U.S. Schools						
Blue Shield	$40,204	$46,739	$50,933	$53,851	$55,375	$55,208
Medicare	3,057	3,650	3,956	4,358	4,613	5,165
Aggregate	35,114	40,894	44,547	47,231	48,667	48,946
FMG						
Blue Shield	$28,038	$40,800	$47,716	$58,924	$61,793	$71,687
Medicare	3,746	3,921	4,121	4,808	5,396	5,954
Aggregate	28,158	40,210	46,794	57,646	60,629	70,183

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION (CONTINUED)

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
Opthalmology						
U.S. Schools						
Blue Shield	$15,968	$17,127	$18,031	$18,733	$20,786	$20,935
Medicare	21,898	25,528	27,852	31,020	34,451	38,150
Aggregate	26,679	30,656	33,250	36,628	40,674	44,417
FMG						
Blue Shield	$18,578	$18,922	$20,933	$20,111	$20,211	$23,556
Medicare	23,204	27,350	31,039	33,904	39,754	40,864
Aggregate	29,175	33,432	37,768	40,368	46,250	48,436
Otolaryngorhinology						
U.S. Schools						
Blue Shield	$32,580	$36,498	$40,568	$44,735	$46,368	$50,489
Medicare	7,717	9,505	11,275	12,759	13,392	15,374
Aggregate	28,216	32,458	36,779	40,879	42,536	47,097
FMG						
Blue Shield	$30,007	$31,993	$35,264	$38,821	$39,821	$51,729
Medicare	7,400	9,320	11,680	13,040	13,353	17,967
Aggregate	33,194	36,731	41,806	46,194	47,363	62,106

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION (CONTINUED)

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
Urology						
U.S. Schools						
Blue Shield	$39,174	$41,900	$44,266	$44,051	$43,561	$38,508
Medicare	33,438	35,668	37,345	41,068	42,534	43,960
Aggregate	57,501	61,407	64,545	68,061	69,189	67,403
FMG						
Blue Shield	$22,469	$30,046	$32,181	$33,258	$36,254	$38,719
Medicare	29,471	36,094	41,219	45,610	49,590	60,545
Aggregate	48,316	61,294	68,210	73,503	79,997	93,019
Internal Medicine						
U.S. Schools						
Blue Shield	$11,789	$12,933	$14,182	$15,280	$15,003	$14,575
Medicare	20,865	24,106	26,879	30,336	32,733	35,523
Aggregate	30,216	34,346	38,101	42,405	44,538	46,934
FMG						
Blue Shield	$11,154	$13,728	$16,129	$19,174	$21,578	$22,248
Medicare	18,897	24,266	28,944	35,869	40,947	46,580
Aggregate	29,019	36,713	43,564	53,233	60,483	66,676

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION (CONTINUED)

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
Cardiovascular Disease						
U.S. Schools						
Blue Shield	$20,419	$22,535	$24,238	$26,620	$27,626	$25,995
Medicare	27,485	31,371	34,296	38,387	42,921	47,081
Aggregate	43,638	49,171	53,426	59,379	64,627	67,332
FMG						
Blue Shield	$20,648	$25,986	$35,014	$42,948	$42,452	$39,710
Medicare	19,500	26,420	35,150	45,420	47,390	56,495
Aggregate	37,436	48,823	65,377	82,286	83,605	89,264
Roentgenology-Radiology						
U.S. Schools						
Blue Shield	$38,503	$45,740	$46,300	$46,950	$43,680	$40,488
Medicare	16,089	18,276	20,363	21,309	23,594	23,205
Aggregate	45,325	53,156	55,341	56,660	55,816	52,835
FMG						
Blue Shield	$73,155	$71,900	$79,109	$65,673	$63,064	$57,073
Medicare	17,800	24,482	28,391	24,627	28,709	30,955
Aggregate	83,375	88,350	98,542	82,775	84,125	80,692

TABLE 9. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN SPECIALTY AND SOURCE OF PHYSICIAN'S MEDICAL EDUCATION (CONTINUED)

	Mean Revenue by Year					
Specialty/Medical Education	1973	1974	1975	1976	1977	1978
General Practice						
U.S. Schools						
Blue Shield	$ 6,016	$ 6,330	$ 6,499	$ 7,112	$ 7,519	$ 7,609
Medicare	9,218	10,253	11,013	12,239	13,120	14,385
Aggregate	12,445	13,647	14,495	16,049	17,146	18,455
FMG						
Blue Shield	$ 7,522	$ 7,978	$ 7,711	$ 8,822	$ 8,748	$ 8,605
Medicare	8,976	10,927	11,643	13,638	13,660	14,591
Aggregate	13,922	16,157	16,687	19,405	19,378	20,203
Family Practice						
U.S. Schools						
Blue Shield	$ 7,689	$ 8,140	$ 8,948	$ 9,910	$10,258	$10,361
Medicare	10,879	12,133	13,446	15,273	16,461	18,917
Aggregate	16,208	17,769	19,642	22,133	23,558	26,071
FMG						
Blue Shield	$ 7,377	$ 8,480	$ 9,297	$11,011	$11,334	$11,520
Medicare	9,793	13,560	16,593	18,820	19,323	20,940
Aggregate	15,851	20,468	24,124	27,761	28,527	30,263

TABLE 10. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY BLUE SHIELD PARTICIPATION STATUS

Physician Participation Status	Mean Revenue by Year					
	1973	1974	1975	1976	1977	1978
Not Participating						
Blue Shield	$23,031	$26,637	$29,069	$30,499	$31,413	$31,941
Medicare	17,273	20,993	24,114	27,247	29,672	32,928
Aggregate	32,772	38,861	43,546	47,524	50,465	53,915
Participating						
Blue Shield	$18,204	$20,622	$22,330	$24,021	$24,210	$24,049
Medicare	13,919	16,259	17,961	20,206	21,665	23,827
Aggregate	25,486	29,332	32,094	35,354	36,851	38,767

TABLE 11. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY FREQUENCY OF MEDICARE ASSIGNMENT ACCEPTANCE

Frequency of Medicare Assignment	Mean Revenue by Year					
	1973	1974	1975	1976	1977	1978
Seldom Assigns						
Blue Shield	$12,651	$15,101	$16,978	$18,903	$19,951	$20,250
Medicare	8,849	9,959	10,999	12,075	12,795	13,944
Aggregate	13,726	15,918	17,744	19,623	20,750	21,801
Sometimes Assigns						
Blue Shield	$15,513	$17,281	$18,265	$19,402	$19,621	$19,240
Medicare	13,380	15,522	17,267	19,296	20,942	22,720
Aggregate	23,961	27,309	29,726	32,530	34,325	35,844
Usually Assigns						
Blue Shield	$26,518	$29,974	$32,702	$34,932	$35,059	$35,218
Medicare	19,844	24,103	27,293	31,760	34,122	38,303
Aggregate	43,100	50,389	55,972	62,395	64,868	69,188

TABLE 12. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY NUMBER OF PHYSICIAN ASSOCIATES

	Mean Revenue by Year					
	1973	1974	1975	1976	1977	1978
No Associates						
Blue Shield	$19,012	$21,479	$23,132	$24,846	$25,095	$25,081
Medicare	14,307	16,772	18,560	20,844	22,366	24,605
Aggregate	26,531	30,544	33,360	36,683	38,282	40,371
1 - 3 Associates						
Blue Shield	$18,066	$20,959	$23,766	$25,277	$25,714	$24,202
Medicare	14,788	17,823	20,465	23,264	25,309	27,938
Aggregate	26,258	31,093	35,499	39,172	41,403	42,860
4 - 14 Associates						
Blue Shield	$16,581	$19,156	$21,327	$22,678	$22,995	$24,198
Medicare	14,611	16,639	18,410	21,324	23,275	25,346
Aggregate	24,770	28,392	31,503	35,130	37,163	39,902
15 or More Associates						
Blue Shield	$16,780	$21,017	$24,045	$24,926	$25,542	$25,412
Medicare	13,236	16,046	18,406	20,909	22,405	25,435
Aggregate	23,339	28,730	32,914	35,848	37,659	40,437

TABLE 13. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN'S AGE DECILE (AS OF 1975)

	Mean Revenue by Year					
Physician's Age Decile	1973	1974	1975	1976	1977	1978
Decile 1: 38 or less years						
Blue Shield	$14,248	$19,996	$23,471	$26,608	$28,266	$30,204
Medicare	11,464	16,741	20,194	24,127	27,773	33,412
Aggregate	21,540	30,811	36,649	42,645	47,209	53,771
Decile 2: 39-42 years						
Blue Shield	$20,126	$24,656	$28,830	$32,036	$32,538	$34,106
Medicare	15,847	20,047	23,408	27,114	29,773	34,505
Aggregate	30,041	37,371	43,668	49,514	52,295	57,775
Decile 3: 43-46 years						
Blue Shield	$23,216	$26,050	$28,555	$31,650	$32,909	$33,474
Medicare	15,700	18,908	21,334	24,356	27,151	30,393
Aggregate	32,720	37,878	42,068	47,267	50,792	54,164
Decile 4: 47-49 years						
Blue Shield	$21,202	$23,380	$25,268	$26,266	$26,571	$26,793
Medicare	15,292	18,176	20,238	22,758	24,605	27,253
Aggregate	30,854	35,240	38,637	41,756	43,707	46,334
Decile 5: 50-52 years						
Blue Shield	$21,250	$23,816	$25,849	$28,489	$28,829	$28,700
Medicare	15,789	18,447	20,482	23,292	25,417	27,987
Aggregate	30,575	34,971	38,387	42,980	45,222	47,533

TABLE 13. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY PHYSICIAN'S AGE DECILE (AS OF 1975) (CONTINUED)

	Mean Revenue by Year					
Physician's Age Decile	1973	1974	1975	1976	1977	1978
Decile 6: 53-56 years						
Blue Shield	$20,527	$22,980	$24,332	$25,319	$25,421	$24,373
Medicare	14,794	17,072	18,790	20,803	22,115	24,425
Aggregate	28,693	32,610	35,213	37,841	39,170	40,642
Decile 7: 57-59 years						
Blue Shield	$19,282	$20,853	$21,266	$21,650	$21,384	$20,246
Medicare	14,880	16,677	18,391	20,608	21,889	23,736
Aggregate	27,619	30,424	32,338	34,710	35,738	36,693
Decile 8: 60-63 years						
Blue Shield	$18,349	$19,218	$19,396	$19,815	$19,093	$17,935
Medicare	15,344	16,873	18,014	19,894	20,583	21,535
Aggregate	26,249	28,260	29,465	31,528	31,733	31,915
Decile 9: 64-68 years						
Blue Shield	$13,613	$14,062	$14,057	$13,807	$12,673	$10,615
Medicare	13,719	14,832	15,702	16,871	16,763	16,829
Aggregate	20,645	21,973	22,821	23,832	23,124	22,097
Decile 10: 69 years and older						
Blue Shield	$ 8,655	$ 8,391	$ 7,892	$ 7,179	$ 6,634	$ 5,453
Medicare	9,992	10,467	10,675	11,187	10,944	10,451
Aggregate	13,211	13,575	13,586	13,812	13,359	12,414

TABLE 14. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY METROPOLITAN AREA (SMSA) IN WHICH PHYSICIAN'S PRACTICE IS LOCATED

	Mean Revenue by Year					
Metropolitan Area	1973	1974	1975	1976	1977	1978
Wilkes-Barre						
Blue Shield	$20,845	$25,454	$28,222	$31,160	$33,107	$33,362
Medicare	16,767	21,768	24,265	27,683	31,489	34,826
Aggregate	32,328	40,713	45,265	50,831	55,994	59,388
Scranton						
Blue Shield	$16,100	$19,341	$20,735	$22,162	$21,763	$22,544
Medicare	17,853	21,660	22,430	26,986	28,547	31,166
Aggregate	28,341	34,244	35,980	41,244	42,396	45,394
Altoona						
Blue Shield	$12,562	$15,483	$17,875	$17,662	$16,606	$16,550
Medicare	9,312	11,732	12,943	14,606	15,419	17,897
Aggregate	17,276	21,528	24,301	25,683	25,699	27,940
Erie						
Blue Shield	$15,431	$18,607	$21,711	$24,421	$25,789	$25,383
Medicare	10,948	13,530	15,344	18,024	19,605	20,836
Aggregate	21,620	26,376	30,363	34,867	37,353	38,202
Johnstown						
Blue Shield	$28,733	$30,532	$34,890	$34,527	$34,299	$35,636
Medicare	14,000	16,107	17,727	20,682	21,234	27,216
Aggregate	34,037	37,350	42,029	44,608	44,975	51,680

TABLE 14. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY METROPOLITAN AREA (SMSA) IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
Metropolitan Area	1973	1974	1975	1976	1977	1978
Reading						
Blue Shield	$20,633	$23,329	$25,092	$27,043	$28,918	$28,218
Medicare	14,013	15,966	16,784	18,516	20,323	21,495
Aggregate	26,720	30,328	32,245	35,164	38,109	38,793
Harrisburg						
Blue Shield	$20,472	$25,166	$27,316	$29,076	$32,343	$34,390
Medicare	11,013	12,478	14,002	15,649	17,066	18,859
Aggregate	23,734	28,162	31,006	33,716	37,179	40,214
York						
Blue Shield	$ 8,901	$11,022	$12,105	$12,238	$14,705	$14,420
Medicare	11,509	13,222	15,013	16,007	17,610	18,819
Aggregate	16,568	19,522	21,915	22,956	26,016	27,009
Lancaster						
Blue Shield	$ 5,434	$ 7,055	$ 8,083	$ 7,524	$ 8,007	$ 8,146
Medicare	9,873	11,850	14,628	14,267	14,514	17,323
Aggregate	12,157	14,840	18,027	17,415	17,881	20,685
Allentown-Bethlehem-Easton						
Blue Shield	$25,795	$30,539	$30,824	$33,369	$33,399	$33,723
Medicare	12,777	15,623	17,667	20,194	21,917	24,220
Aggregate	29,669	35,587	37,690	41,865	43,423	45,793

TABLE 14. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY METROPOLITAN AREA (SMSA) IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
Metropolitan Area	1973	1974	1975	1976	1977	1978
Pittsburgh						
Blue Shield	$24,753	$28,036	$31,165	$33,660	$33,797	$34,437
Medicare	14,507	16,699	18,620	21,284	22,612	25,211
Aggregate	30,895	35,243	39,230	43,465	44,801	47,674
Philadelphia						
Blue Shield	$17,762	$19,370	$20,711	$21,901	$21,402	$20,318
Medicare	15,941	18,637	20,800	23,315	24,972	26,908
Aggregate	27,139	30,771	33,720	36,896	38,108	39,181
Rural						
Blue Shield	$14,458	$16,980	$18,380	$20,331	$21,335	$22,206
Medicare	12,337	14,480	15,687	17,557	19,106	21,889
Aggregate	21,614	25,376	27,480	30,586	32,723	35,904

TABLE 15. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY BROAD METROPOLITAN AREA CLASSIFICATION OF PRACTICE LOCATION

	Mean Revenue by Year					
Broad Metropolitan Area	1973	1974	1975	1976	1977	1978
Lesser Metro						
Blue Shield	$18,824	$22,325	$24,137	$25,768	$26,858	$27,243
Medicare	12,921	15,523	17,282	19,451	21,066	23,409
Aggregate	24,853	29,664	32,546	35,696	37,958	40,441
Major Metro						
Blue Shield	$19,925	$22,050	$23,945	$25,539	$25,236	$24,685
Medicare	15,506	18,049	20,139	22,699	24,256	26,393
Aggregate	28,283	32,133	35,398	38,897	40,147	41,768
Rural						
Blue Shield	$14,458	$16,980	$18,380	$20,331	$21,335	$22,206
Medicare	12,337	14,480	15,687	17,557	19,106	21,889
Aggregate	21,614	25,376	27,480	30,586	32,723	35,904

TABLE 16. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY DENSITY OF DIRECT PATIENT CARE PHYSICIANS IN PRACTICE LOCALITY

	Mean Revenue by Year					
Density of DPC Physician	1973	1974	1975	1976	1977	1978
Low Physician Pop.						
Blue Shield	$15,137	$17,881	$19,726	$21,297	$22,252	$22,802
Medicare	12,790	15,327	16,892	18,960	20,529	23,259
Aggregate	22,421	26,689	29,428	32,448	34,577	37,512
Average Physician Pop.						
Blue Shield	$24,095	$27,759	$30,121	$32,512	$33,120	$33,739
Medicare	13,708	15,909	17,695	20,116	21,576	23,880
Aggregate	29,402	33,982	37,280	41,193	42,981	45,569
High Physician Pop.						
Blue Shield	$17,762	$19,370	$20,711	$21,901	$21,402	$20,318
Medicare	15,941	18,637	20,800	23,315	24,972	26,908
Aggregate	27,139	30,771	33,720	36,896	38,108	39,181

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Adams						
Blue Shield	$ 6,823	$ 9,213	$10,091	$11,777	$15,077	$16,123
Medicare	10,568	12,350	13,471	13,843	15,879	16,996
Aggregate	14,867	18,283	19,973	21,557	25,877	27,687
Allegheny						
Blue Shield	$25,496	$28,546	$32,027	$34,532	$34,788	$34,865
Medicare	15,253	17,409	19,554	22,253	23,711	25,963
Aggregate	32,012	36,151	40,580	44,844	46,381	48,533
Armstrong						
Blue Shield	$18,021	$22,000	$22,600	$24,686	$25,186	$27,443
Medicare	14,647	17,547	17,929	22,906	22,324	28,553
Aggregate	27,850	33,683	34,511	40,833	40,672	48,311
Beaver						
Blue Shield	$24,942	$27,917	$31,535	$34,174	$33,233	$34,926
Medicare	13,226	15,185	16,813	19,508	20,194	21,556
Aggregate	32,088	36,271	40,655	45,260	45,157	47,769
Bedford						
Blue Shield	$ 8,738	$10,675	$10,788	$12,188	$13,438	$13,638
Medicare	7,218	9,191	10,809	12,845	12,164	14,045
Aggregate	12,442	15,542	17,100	19,900	20,108	21,967

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Berks						
Blue Shield	$20,633	$23,329	$25,092	$27,043	$28,918	$28,218
Medicare	14,013	15,966	16,784	18,516	20,323	21,495
Aggregate	26,720	30,328	32,245	35,164	38,109	38,793
Blair						
Blue Shield	$12,562	$15,483	$17,875	$17,662	$16,606	$16,550
Medicare	9,312	11,732	12,943	14,606	15,419	17,897
Aggregate	17,276	21,528	24,301	25,683	25,699	27,940
Bradford						
Blue Shield	$12,158	$15,205	$15,832	$17,242	$22,176	$21,466
Medicare	6,724	8,476	9,633	10,757	12,267	14,186
Aggregate	11,827	14,820	15,763	17,276	21,575	21,835
Bucks						
Blue Shield	$14,757	$17,102	$18,263	$18,524	$19,144	$19,112
Medicare	10,789	12,540	13,670	15,466	16,869	18,477
Aggregate	19,437	22,559	24,342	26,133	27,806	29,234
Butler						
Blue Shield	$21,630	$24,630	$29,180	$34,075	$34,560	$36,658
Medicare	13,178	15,102	17,754	20,204	23,180	25,950
Aggregate	29,428	33,598	39,678	45,848	48,974	53,200

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978 BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Cambria						
Blue Shield	$32,612	$34,200	$39,105	$37,699	$37,367	$38,986
Medicare	15,570	17,776	19,700	22,615	23,079	29,782
Aggregate	39,310	42,598	48,114	49,821	50,011	57,587
Cameron						
Blue Shield	$ 4,100	$ 5,100	$ 4,700	$ 5,100	$ 8,200	$ 6,600
Medicare	6,550	5,700	6,500	7,050	7,350	11,350
Aggregate	8,600	8,250	8,850	9,600	11,450	14,650
Carbon						
Blue Shield	$23,023	$25,077	$24,973	$28,695	$28,650	$27,227
Medicare	12,721	15,300	16,924	17,745	18,976	19,334
Aggregate	29,180	33,180	34,673	38,197	39,353	38,657
Centre						
Blue Shield	$11,886	$14,155	$16,752	$17,945	$17,821	$20,783
Medicare	10,441	11,268	12,385	13,094	15,415	18,441
Aggregate	18,413	20,884	23,866	25,411	27,392	32,361
Chester						
Blue Shield	$14,185	$15,885	$17,681	$19,301	$18,460	$17,916
Medicare	12,338	13,576	15,586	17,312	18,929	19,460
Aggregate	21,340	23,674	26,790	29,521	30,432	30,545

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Clarion						
Blue Shield	$ 6,280	$ 3,555	$ 5,273	$ 5,409	$ 6,473	$ 7,164
Medicare	4,589	4,589	6,189	6,363	7,089	7,095
Aggregate	6,647	9,242	9,495	10,837	11,242	14,911
Clearfield						
Blue Shield	$13,305	$17,030	$18,960	$20,060	$22,501	$27,202
Medicare	13,328	16,520	18,668	18,184	20,520	25,304
Aggregate	21,404	26,914	30,211	30,564	35,250	40,954
Clinton						
Blue Shield	$12,654	$13,254	$15,023	$18,423	$21,385	$19,138
Medicare	9,707	12,400	15,427	18,193	20,780	24,247
Aggregate	20,673	23,887	28,447	34,160	39,313	40,833
Columbia						
Blue Shield	$10,912	$11,965	$11,841	$13,035	$14,306	$15,418
Medicare	14,628	16,428	12,008	12,180	13,224	15,652
Aggregate	21,200	23,619	19,288	20,235	22,069	25,131
Crawford						
Blue Shield	$ 9,481	$11,670	$13,492	$15,924	$17,886	$16,997
Medicare	10,934	14,083	15,427	19,415	18,780	20,751
Aggregate	18,584	23,470	26,319	32,214	33,298	34,412

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Cumberland						
Blue Shield	$20,357	$26,489	$29,892	$34,957	$38,539	$39,639
Medicare	9,261	11,123	12,918	14,478	15,582	18,336
Aggregate	22,500	28,390	32,388	37,275	40,731	44,101
Dauphin						
Blue Shield	$21,165	$25,206	$26,587	$26,359	$29,162	$31,779
Medicare	12,323	13,640	15,144	16,908	18,556	19,810
Aggregate	25,201	29,024	31,337	32,877	36,229	39,088
Delaware						
Blue Shield	$15,984	$18,147	$19,327	$21,832	$21,131	$20,221
Medicare	13,885	16,426	18,820	21,293	22,651	24,784
Aggregate	24,114	28,008	31,089	35,151	35,966	37,375
Elk						
Blue Shield	$11,455	$12,845	$13,273	$19,127	$17,982	$22,491
Medicare	19,492	22,900	27,354	31,585	31,362	36,931
Aggregate	27,100	31,357	35,829	44,357	43,250	51,964
Erie						
Blue Shield	$15,431	$18,607	$21,711	$24,421	$25,789	$25,383
Medicare	10,948	13,530	15,344	18,024	19,605	20,836
Aggregate	21,620	26,376	30,363	34,867	37,353	38,202

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Fayette						
Blue Shield	$11,332	$12,409	$13,494	$14,109	$13,118	$13,694
Medicare	11,852	13,054	14,065	15,735	15,427	20,038
Aggregate	19,084	20,970	22,678	24,700	23,730	28,548
Forest						
Blue Shield	$ 1,300	$ 2,100	$ 3,100	$ 2,900	$ 1,400	$ 300
Medicare	1,800	2,900	1,700	1,500	900	1,600
Aggregate	1,550	2,500	2,400	2,200	1,150	950
Franklin						
Blue Shield	$17,012	$23,407	$23,227	$26,017	$25,154	$25,976
Medicare	11,486	12,645	13,680	15,520	16,224	18,404
Aggregate	24,213	30,275	31,132	35,060	35,070	37,804
Fulton						
Blue Shield	$14,467	$16,067	$16,800	$15,233	$22,300	$23,800
Medicare	8,550	13,250	13,700	14,575	17,175	19,050
Aggregate	19,400	25,300	26,300	26,000	33,900	36,900
Greene						
Blue Shield	$11,050	$11,633	$11,550	$10,333	$10,567	$14,100
Medicare	13,469	13,988	10,119	11,894	11,606	9,988
Aggregate	17,613	18,350	14,450	15,569	15,569	15,275

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Huntingdon						
Blue Shield	$11,463	$15,363	$12,938	$15,700	$17,625	$18,100
Medicare	11,693	14,133	14,687	13,833	15,693	18,387
Aggregate	17,807	22,327	21,587	22,207	25,093	28,040
Indiana						
Blue Shield	$13,235	$16,104	$18,435	$20,296	$21,613	$26,530
Medicare	11,906	14,074	15,471	17,458	17,516	25,390
Aggregate	20,409	24,445	27,382	30,545	31,518	42,342
Jefferson						
Blue Shield	$ 8,600	$ 8,000	$ 8,011	$ 8,467	$ 8,322	$ 9,989
Medicare	7,879	7,671	7,707	9,614	10,150	11,993
Aggregate	13,407	12,814	12,857	15,057	15,500	18,414
Juniata						
Blue Shield	$ 1,500	$ 1,500	$ 2,700	$ 4,700	$ 5,000	$ 4,700
Medicare	3,233	4,250	4,700	6,133	7,133	7,483
Aggregate	3,483	4,500	5,150	6,917	7,967	8,267
Lackawanna						
Blue Shield	$16,319	$19,350	$21,087	$22,572	$21,941	$23,201
Medicare	18,288	22,733	22,979	28,927	30,740	34,646
Aggregate	29,020	35,380	36,895	43,499	44,709	49,257

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Lancaster						
Blue Shield	$ 5,434	$ 7,055	$ 8,083	$ 7,524	$ 8,007	$ 8,146
Medicare	9,873	11,850	14,628	14,267	14,514	17,323
Aggregate	12,157	14,840	18,027	17,415	17,881	20,685
Lawrence						
Blue Shield	$16,225	$19,319	$20,156	$20,608	$22,003	$20,533
Medicare	13,044	15,968	16,437	21,902	25,822	27,844
Aggregate	25,430	30,686	31,807	37,270	42,064	42,745
Lebanon						
Blue Shield	$12,403	$15,136	$15,933	$17,258	$19,042	$18,506
Medicare	12,209	13,941	14,388	15,084	16,338	17,909
Aggregate	19,175	22,460	23,360	24,811	27,075	28,309
Lehigh						
Blue Shield	$31,124	$37,186	$37,686	$40,878	$41,209	$42,607
Medicare	13,083	16,307	18,211	21,822	23,772	26,957
Aggregate	32,359	39,296	41,407	46,857	48,902	52,795
Luzerne						
Blue Shield	$20,845	$25,454	$28,222	$31,160	$31,107	$33,362
Medicare	16,767	21,768	24,265	27,683	31,489	34,826
Aggregate	32,328	40,713	45,265	50,831	55,994	59,388

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Lycoming						
Blue Shield	$22,139	$26,374	$28,800	$29,650	$28,194	$28,941
Medicare	14,086	16,558	18,636	19,557	21,574	24,538
Aggregate	28,899	34,223	37,881	39,340	40,148	43,412
McKean						
Blue Shield	$10,006	$11,959	$14,359	$18,506	$19,729	$19,488
Medicare	14,162	16,254	16,946	22,023	23,577	26,885
Aggregate	20,835	24,388	27,318	35,347	37,759	40,047
Mercer						
Blue Shield	$17,097	$18,640	$20,785	$24,142	$26,494	$24,551
Medicare	14,320	16,734	20,320	24,419	28,104	30,803
Aggregate	27,895	31,432	36,558	43,205	48,603	49,365
Mifflin						
Blue Shield	$15,940	$18,653	$22,520	$27,980	$28,633	$33,313
Medicare	10,221	12,325	13,586	15,386	15,661	19,196
Aggregate	18,114	21,548	24,766	29,328	29,931	35,766
Monroe						
Blue Shield	$15,276	$19,307	$19,410	$20,624	$21,093	$20,076
Medicare	16,297	17,821	20,468	20,037	20,700	18,711
Aggregate	25,910	30,173	32,700	33,159	34,105	31,541

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Montgomery						
Blue Shield	$18,243	$19,693	$21,175	$21,523	$20,878	$19,554
Medicare	14,758	16,963	18,805	20,476	21,610	23,057
Aggregate	26,347	29,418	32,167	33,984	34,619	35,090
Montour						
Blue Shield	$ --	$ --	$ --	$ --	$ --	$ --
Medicare	533	567	567	533	700	600
Aggregate	533	567	567	533	700	600
Northampton						
Blue Shield	$19,880	$23,546	$23,647	$25,420	$24,860	$24,221
Medicare	12,396	14,781	17,133	18,461	19,996	21,476
Aggregate	26,155	31,070	33,297	35,833	36,820	37,699
Northumberland						
Blue Shield	$10,948	$14,069	$14,707	$15,048	$14,897	$15,772
Medicare	9,059	11,210	12,446	13,585	14,826	17,167
Aggregate	16,770	21,130	22,798	24,155	25,255	28,173
Perry						
Blue Shield	$ 8,140	$ 8,240	$10,320	$11,120	$19,740	$22,040
Medicare	6,256	6,322	5,567	6,111	6,756	8,167
Aggregate	10,778	10,900	11,300	12,289	17,722	20,411

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Philadelphia						
Blue Shield	$18,679	$20,118	$21,433	$22,667	21,162	$20,947
Medicare	17,763	20,901	23,255	26,224	28,162	30,363
Aggregate	29,566	33,504	36,619	40,256	41,724	42,947
Pike						
Blue Shield	$ 2,850	$ 3,000	$ 5,100	$ 5,350	$ 6,800	$ 5,800
Medicare	14,725	15,050	18,175	20,700	23,475	26,700
Aggregate	16,150	16,550	20,725	23,375	26,875	29,600
Potter						
Blue Shield	$13,380	$15,760	$17,620	$20,080	$26,660	$27,000
Medicare	12,550	15,825	18,325	19,100	20,038	20,813
Aggregate	20,913	25,675	29,338	31,650	36,700	37,688
Schuylkill						
Blue Shield	$15,337	$16,603	$17,776	$20,158	$20,713	$22,579
Medicare	15,674	18,302	19,877	21,758	24,331	26,948
Aggregate	25,394	28,781	31,086	34,495	37,355	41,131
Snyder						
Blue Shield	$ 2,333	$ 4,750	$ 6,050	$10,233	$14,767	$20,050
Medicare	9,033	11,644	13,756	16,000	20,311	26,611
Aggregate	10,589	14,811	17,789	22,822	30,156	39,978

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Somerset						
Blue Shield	$13,000	$15,656	$17,794	$21,667	$21,856	$22,050
Medicare	9,187	10,987	11,677	14,753	15,577	19,350
Aggregate	16,987	20,380	22,353	27,753	28,690	32,580
Sullivan						
Blue Shield	$ --	$ --	$ --	$ --	$ --	$ --
Medicare	10,233	13,200	9,300	3,767	2,633	1,800
Aggregate	10,233	13,200	9,300	3,767	2,633	1,800
Susquehanna						
Blue Shield	$ 5,600	$ 5,900	$ 5,978	$ 6,689	$ 6,178	$ 6,422
Medicare	8,253	8,867	10,380	10,580	11,293	13,187
Aggregate	11,613	12,407	13,967	14,593	15,000	17,040
Tioga						
Blue Shield	$14,900	$15,300	$17,325	$17,975	$17,575	$18,975
Medicare	11,125	11,975	11,258	13,008	10,108	8,100
Aggregate	16,092	17,075	17,033	19,000	15,967	14,425
Union						
Blue Shield	$18,082	$20,027	$23,245	$27,091	$26,527	$32,255
Medicare	6,579	7,329	9,621	11,143	10,129	12,336
Aggregate	18,188	20,181	24,400	28,375	27,100	32,969

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Venango						
Blue Shield	$24,886	$30,195	$28,891	$26,641	$25,732	$29,718
Medicare	18,407	25,363	24,557	25,793	29,817	34,330
Aggregate	36,657	47,507	45,743	45,330	48,687	56,123
Warren						
Blue Shield	$11,033	$11,867	$10,713	$11,967	$14,387	$12,993
Medicare	12,785	12,955	15,705	14,045	15,670	16,355
Aggregate	19,145	19,868	21,582	20,927	24,055	23,727
Washington						
Blue Shield	$23,180	$29,204	$29,298	$31,765	$30,822	$29,954
Medicare	10,067	12,547	13,247	15,697	16,597	20,256
Aggregate	24,016	30,124	30,863	34,761	35,059	38,088
Wayne						
Blue Shield	$17,150	$12,050	$18,717	$20,200	$22,083	$20,633
Medicare	21,800	23,963	23,988	24,650	28,225	28,063
Aggregate	34,663	33,000	38,025	39,800	44,788	43,538
Westmoreland						
Blue Shield	$20,643	$24,404	$26,308	$28,652	$29,241	$33,358
Medicare	12,826	15,242	16,541	19,072	20,190	25,239
Aggregate	26,479	31,375	33,924	37,919	39,366	46,938

TABLE 17. MEAN ANNUAL PHYSICIAN REVENUES FROM BLUE SHIELD AND MEDICARE, 1973-1978, BY COUNTY IN WHICH PHYSICIAN'S PRACTICE IS LOCATED (CONTINUED)

	Mean Revenue by Year					
County	1973	1974	1975	1976	1977	1978
Wyoming						
Blue Shield	$ 7,810	$ 9,270	$ 9,500	$10,880	$13,750	$14,320
Medicare	9,850	10,300	10,170	12,350	14,750	18,770
Aggregate	14,717	16,308	16,392	19,358	23,750	27,575
York						
Blue Shield	$ 9,345	$11,408	$12,535	$12,336	$14,625	$14,056
Medicare	11,665	13,366	15,269	16,366	17,897	19,121
Aggregate	16,861	19,735	22,250	23,198	26,040	26,893

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